

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV

CARSON RIVER BASIN, CARSON DESERT

LOCATION.--Lat 39°36'33.53", long 118°33'15.96" referenced to North American Datum of 1983, in SW ¼ SW ¼ sec.7, T.20 N., R.31 E., Churchill County, Hydrologic Unit 16050203, on right bank, 6 mi north of Stillwater.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Oct 1990 to Sep 2002, Oct 2002 to current year (irrigation season only).

GAGE.--Water-stage recorder. Elevation of gage is 3,880 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except estimated daily discharges, which are poor. Flow in canal is return flow from irrigated lands and ground water inflows from Fallon Indian Reservation.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 198 ft³/s, Jun 26, 1995; no flow many days, some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54 ft³/s, Jun 23, gage height, 17.02 ft; minimum daily discharge, 0.07 ft³/s, Aug 4.

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.5	---	---	---	---	8.9	3.5	9.2	1.4	0.90	1.1	18
2	6.3	---	---	---	---	8.4	3.0	4.8	2.1	5.9	0.47	20
3	6.2	---	---	---	---	7.8	2.5	2.5	3.8	1.9	0.28	15
4	5.3	---	---	---	---	7.4	2.1	1.5	2.7	7.2	0.07	10
5	4.0	---	---	---	---	6.8	1.7	2.0	1.7	15	1.5	7.8
6	3.3	---	---	---	---	6.5	1.6	3.2	1.5	6.1	6.5	7.6
7	3.2	---	---	---	---	6.2	1.6	3.8	1.7	1.8	11	13
8	3.2	---	---	---	---	6.0	1.7	2.9	1.8	0.97	9.5	7.9
9	3.5	---	---	---	---	5.9	1.7	1.9	2.7	1.7	5.1	26
10	2.4	---	---	---	---	6.0	1.7	1.2	2.3	5.7	4.2	21
11	2.6	---	---	---	---	6.0	1.7	0.88	3.3	7.2	15	29
12	2.9	---	---	---	---	5.9	1.8	0.79	2.8	32	22	24
13	2.4	---	---	---	---	5.9	1.6	0.68	2.4	13	16	41
14	2.7	---	---	---	---	5.7	1.7	0.56	1.9	8.5	4.9	29
15	2.5	---	---	---	---	4.2	6.2	0.48	1.2	5.7	8.4	32
16	2.9	---	---	---	---	e4.0	4.2	0.49	1.1	5.6	8.6	27
17	3.1	---	---	---	---	e3.9	3.8	0.50	1.2	3.2	15	20
18	2.1	---	---	---	---	e3.7	2.8	5.5	1.3	6.3	11	33
19	1.3	---	---	---	---	e3.6	5.5	4.6	1.6	1.8	14	26
20	1.3	---	---	---	---	e3.5	12	3.6	3.7	3.0	9.5	27
21	1.4	---	---	---	---	e3.3	14	2.1	7.8	6.3	11	16
22	1.1	---	---	---	---	e3.2	18	1.5	26	5.0	38	35
23	0.89	---	---	---	---	e3.1	14	2.3	28	1.3	29	33
24	1.7	---	---	---	---	e2.9	15	5.8	10	0.94	35	29
25	1.2	---	---	---	---	3.2	18	9.0	10	3.5	44	33
26	0.89	---	---	---	---	3.1	14	20	15	0.82	38	25
27	0.89	---	---	---	---	3.2	15	10	10	0.75	30	45
28	0.83	---	---	---	---	3.8	15	11	1.9	0.33	29	32
29	0.78	---	---	---	---	4.1	8.5	14	2.1	0.96	17	12
30	0.73	---	---	---	---	4.1	9.9	8.5	2.1	2.4	13	12
31	0.72	---	---	---	---	3.9	---	2.3	---	2.8	9.2	---
Total	79.83	---	---	---	---	154.2	203.8	137.58	155.1	158.57	457.32	706.3
Mean	2.58	---	---	---	---	4.97	6.79	4.44	5.17	5.12	14.8	23.5
Max	7.5	---	---	---	---	8.9	18	20	28	32	44	45
Min	0.72	---	---	---	---	2.9	1.6	0.48	1.1	0.33	0.07	7.6
Ac-ft	158	---	---	---	---	306	404	273	308	315	907	1,400

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	7.11	3.79	3.17	8.54	11.0	15.7	9.40	16.0	20.5	7.81	8.86	10.4
Max	23.7	12.3	13.9	55.0	83.4	71.6	57.4	66.3	82.1	41.3	22.6	37.4
(WY)	(1997)	(1997)	(1998)	(1997)	(1997)	(1996)	(1998)	(1999)	(1995)	(1995)	(2004)	(1993)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.28	0.42	0.00	0.00
(WY)	(1993)	(1993)	(1993)	(1993)	(1993)	(1992)	(1993)	(1993)	(1992)	(1992)	(1992)	(1992)

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued**SUMMARY STATISTICS**

	Water Years 1991 - 2005	
Annual mean	11.1	
Highest annual mean	28.8	1997
Lowest annual mean	0.17	1992
Highest daily mean	198	Jun 26, 1995
Lowest daily mean	0.00	Dec 26, 1990
Annual seven-day minimum	0.00	Dec 26, 1990
Annual runoff (ac-ft)	8,010	
10 percent exceeds	32	
50 percent exceeds	3.0	
90 percent exceeds	0.00	

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Feb 1986 to May 1987, Oct 1990 to Oct 1996, Apr 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Oct 1990 to Oct 1996, Apr 1997 to current year.

WATER TEMPERATURE: Oct 1990 to Oct 1996, Apr 1997 to current year.

INSTRUMENTATION.--Water-quality monitor since Oct 1990, to Aug 1993, hourly; Sep to Dec 1993, four times per hour; Jan to Oct 1996 hourly; Apr 1997 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In Apr 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperature at probe within 0.5°C. Interruptions in record due to periods of no flow (see Water-Discharge Records), equipment malfunction, and monitor operation (Irrigation season since Oct 2002).

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 67,200 microsiemens, cm at 25°C, Oct 19, 1990; minimum recorded, 342 microsiemens, cm at 25°C, Sep 19, 1993.

WATER TEMPERATURE: Maximum recorded, 36.5°C, Jul 28, 1991; minimum, freezing point or below, on many days during winter months most years due to extremely high conductance values.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 25,400 microsiemens/cm, Apr 15; minimum, 536 microsiemens/cm, Sep 9.

WATER TEMPERATURE: Maximum, 32.0°C, Jul 12, 14, 16, 19; minimum, 3.0°C, Apr 14.

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	1,040	793	925	---	---	---	---	---	---	---	---	---
2	1,240	796	990	---	---	---	---	---	---	---	---	---
3	1,240	870	1,030	---	---	---	---	---	---	---	---	---
4	1,590	1,040	1,280	---	---	---	---	---	---	---	---	---
5	2,130	1,270	1,660	---	---	---	---	---	---	---	---	---
6	2,110	1,420	1,740	---	---	---	---	---	---	---	---	---
7	2,660	1,440	1,940	---	---	---	---	---	---	---	---	---
8	2,000	1,450	1,690	---	---	---	---	---	---	---	---	---
9	2,550	1,440	1,940	---	---	---	---	---	---	---	---	---
10	2,470	1,910	2,180	---	---	---	---	---	---	---	---	---
11	2,240	1,870	2,020	---	---	---	---	---	---	---	---	---
12	2,470	1,720	1,980	---	---	---	---	---	---	---	---	---
13	2,480	2,040	2,240	---	---	---	---	---	---	---	---	---
14	2,500	1,860	2,130	---	---	---	---	---	---	---	---	---
15	2,740	2,130	2,320	---	---	---	---	---	---	---	---	---
16	3,490	2,480	2,990	---	---	---	---	---	---	---	---	---
17	3,710	2,490	2,870	---	---	---	---	---	---	---	---	---
18	5,930	3,710	4,910	---	---	---	---	---	---	---	---	---
19	6,160	5,730	5,960	---	---	---	---	---	---	---	---	---
20	7,340	6,150	6,900	---	---	---	---	---	---	---	---	---
21	8,180	7,220	7,710	---	---	---	---	---	---	---	---	---
22	8,560	8,130	8,360	---	---	---	---	---	---	---	---	---
23	8,540	8,260	8,350	---	---	---	---	---	---	---	---	---
24	8,600	8,220	8,390	---	---	---	---	---	---	---	---	---
25	8,220	4,560	5,990	---	---	---	---	---	---	---	---	---
26	5,180	4,260	4,530	---	---	---	---	---	---	---	---	---
27	6,410	5,180	5,960	---	---	---	---	---	---	---	---	---
28	7,430	6,410	6,900	---	---	---	---	---	---	---	---	---
29	8,240	7,430	7,790	---	---	---	---	---	---	---	---	---
30	8,930	8,220	8,610	---	---	---	---	---	---	---	---	---
31	9,200	8,860	9,070	---	---	---	---	---	---	---	---	---
Month	9,200	793	4,240	---	---	---	---	---	---	---	---	---

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	3,420	3,200	3,330	8,320	6,590	7,160	---	---	---
2	---	---	---	3,630	3,350	3,510	11,000	8,320	9,420	---	---	---
3	---	---	---	3,720	3,520	3,600	13,600	10,700	11,700	---	---	---
4	---	---	---	3,700	3,510	3,620	16,600	13,300	14,900	---	---	---
5	---	---	---	3,820	3,630	3,720	18,200	15,800	16,900	---	---	---
6	---	---	---	3,880	3,660	3,750	20,100	15,500	18,000	---	---	---
7	---	---	---	3,980	3,710	3,820	22,100	17,200	19,800	---	---	---
8	---	---	---	4,000	3,760	3,840	21,400	17,700	20,100	---	---	---
9	---	---	---	3,950	3,690	3,800	21,600	19,800	20,500	---	---	---
10	---	---	---	3,820	3,660	3,760	21,400	19,100	20,600	---	---	---
11	---	---	---	3,970	3,730	3,850	21,200	20,200	20,600	---	---	---
12	---	---	---	3,860	3,640	3,780	22,500	20,400	21,200	---	---	---
13	---	---	---	3,890	3,640	3,770	23,700	22,500	23,400	---	---	---
14	---	---	---	4,150	3,810	4,010	24,500	23,500	24,000	---	---	---
15	---	---	---	4,470	4,100	4,320	25,400	8,120	15,800	---	---	---
16	---	---	---	4,770	4,320	4,560	8,120	5,200	6,140	---	---	---
17	---	---	---	5,050	4,600	4,830	7,310	3,830	6,050	---	---	---
18	---	---	---	5,240	5,020	5,120	6,300	3,710	4,650	---	---	---
19	---	---	---	5,940	5,070	5,480	5,610	1,900	3,340	---	---	---
20	---	---	---	6,700	5,930	6,260	3,900	2,870	3,470	---	---	---
21	---	---	---	7,980	6,560	7,270	3,930	1,580	2,890	---	---	---
22	---	---	---	8,820	7,940	8,440	1,740	1,480	1,600	---	---	---
23	---	---	---	9,230	8,670	8,920	1,780	1,340	1,580	---	---	---
24	---	---	---	---	---	---	1,940	1,410	1,780	---	---	---
25	---	---	---	8,640	8,060	8,410	2,120	1,590	1,750	---	---	---
26	---	---	---	8,490	7,990	8,220	3,490	1,720	2,510	---	---	---
27	---	---	---	8,050	5,710	6,780	4,450	1,770	2,540	---	---	---
28	---	---	---	5,830	4,900	5,270	---	---	---	---	---	---
29	---	---	---	5,390	4,990	5,170	---	---	---	---	---	---
30	---	---	---	5,940	5,270	5,730	---	---	---	---	---	---
31	---	---	---	6,620	5,730	6,050	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	5,990	3,850	4,520	2,790	1,960	2,400	1,340	920	1,040
2	---	---	---	6,400	2,750	4,390	3,990	2,600	3,450	1,260	1,030	1,140
3	---	---	---	5,640	1,990	3,470	4,210	3,830	3,970	1,190	1,070	1,140
4	---	---	---	4,310	1,140	3,190	4,940	4,190	4,460	1,200	1,060	1,130
5	---	---	---	2,940	1,220	1,690	5,160	2,890	4,260	1,140	1,050	1,100
6	---	---	---	2,670	1,420	1,880	4,430	1,570	3,480	1,150	1,090	1,120
7	---	---	---	2,700	1,700	2,030	1,570	1,090	1,330	1,140	970	1,030
8	---	---	---	3,860	1,850	2,740	1,460	1,050	1,180	1,240	630	1,040
9	7,830	4,810	5,390	6,610	2,480	4,260	2,010	1,300	1,530	2,220	536	1,300
10	5,350	3,870	4,640	6,990	3,810	5,790	2,330	1,290	1,600	3,470	1,410	2,140
11	4,480	3,800	4,110	3,810	1,410	2,940	2,320	775	1,170	2,910	1,170	1,890
12	4,310	3,570	4,050	1,410	983	1,180	1,200	678	847	1,170	740	1,020
13	4,670	3,760	4,360	3,060	1,140	1,830	1,070	833	907	1,030	628	792
14	6,390	4,670	5,350	2,320	1,240	1,660	4,430	926	1,680	886	609	790
15	7,940	6,260	6,960	2,550	1,200	1,650	4,370	2,440	2,960	1,300	736	1,030
16	8,040	7,340	7,750	2,020	1,270	1,530	2,450	1,070	1,450	1,180	788	912
17	8,260	5,850	7,180	1,900	952	1,400	1,300	971	1,100	911	763	826
18	6,270	5,770	6,090	1,760	952	1,470	1,760	1,300	1,590	1,710	892	1,460
19	12,400	6,150	9,670	1,660	1,210	1,400	1,650	1,020	1,460	1,490	678	857
20	12,400	4,310	8,300	4,200	1,360	2,520	1,020	786	885	798	575	692
21	9,820	2,960	4,360	4,190	1,620	2,150	980	847	909	1,050	783	913
22	6,060	1,530	3,470	1,860	1,490	1,620	1,010	901	961	1,440	693	1,000
23	3,470	2,180	2,740	2,530	1,220	1,670	928	794	884	1,660	1,140	1,440
24	3,550	2,010	2,470	2,540	1,120	1,890	1,030	914	969	2,210	1,090	1,560
25	4,120	2,540	3,390	1,730	1,090	1,450	944	773	857	2,700	847	1,660
26	3,410	1,970	2,520	7,370	1,520	2,980	918	794	854	847	610	658
27	3,660	1,690	2,450	8,430	7,120	7,980	1,060	918	1,000	1,120	568	830
28	3,680	2,300	3,000	7,130	5,870	6,240	1,260	1,000	1,080	1,190	898	1,010
29	3,390	1,740	2,610	6,600	4,510	5,450	1,350	1,260	1,330	1,360	877	1,100
30	3,970	1,650	2,680	5,080	3,540	4,440	1,340	877	1,110	2,520	1,330	1,980
31	---	---	---	4,520	2,220	2,550	1,420	923	1,280	---	---	---
Month	---	---	---	8,430	952	2,900	5,160	678	1,710	3,470	536	1,150

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	20.5	14.0	17.0	---	---	---	---	---	---	---	---	---
2	19.5	13.5	16.5	---	---	---	---	---	---	---	---	---
3	20.5	13.0	16.5	---	---	---	---	---	---	---	---	---
4	19.5	12.5	16.5	---	---	---	---	---	---	---	---	---
5	19.5	12.5	16.0	---	---	---	---	---	---	---	---	---
6	19.5	12.5	16.0	---	---	---	---	---	---	---	---	---
7	19.5	12.5	16.0	---	---	---	---	---	---	---	---	---
8	18.0	12.0	15.5	---	---	---	---	---	---	---	---	---
9	16.5	10.0	14.0	---	---	---	---	---	---	---	---	---
10	14.5	9.0	12.0	---	---	---	---	---	---	---	---	---
11	14.5	8.5	11.5	---	---	---	---	---	---	---	---	---
12	15.5	9.5	13.0	---	---	---	---	---	---	---	---	---
13	16.5	10.5	13.5	---	---	---	---	---	---	---	---	---
14	16.5	10.0	13.0	---	---	---	---	---	---	---	---	---
15	16.5	10.0	13.0	---	---	---	---	---	---	---	---	---
16	14.5	10.0	12.5	---	---	---	---	---	---	---	---	---
17	13.0	8.5	11.5	---	---	---	---	---	---	---	---	---
18	9.5	7.0	8.5	---	---	---	---	---	---	---	---	---
19	8.5	7.0	8.0	---	---	---	---	---	---	---	---	---
20	10.5	7.0	8.5	---	---	---	---	---	---	---	---	---
21	11.5	7.0	9.5	---	---	---	---	---	---	---	---	---
22	12.5	6.5	10.0	---	---	---	---	---	---	---	---	---
23	10.5	8.5	9.5	---	---	---	---	---	---	---	---	---
24	10.5	7.5	9.5	---	---	---	---	---	---	---	---	---
25	12.0	7.5	10.0	---	---	---	---	---	---	---	---	---
26	9.5	6.5	8.5	---	---	---	---	---	---	---	---	---
27	9.0	4.5	7.0	---	---	---	---	---	---	---	---	---
28	8.5	4.5	6.5	---	---	---	---	---	---	---	---	---
29	10.0	5.5	8.0	---	---	---	---	---	---	---	---	---
30	10.5	5.0	7.5	---	---	---	---	---	---	---	---	---
31	10.0	3.0	6.5	---	---	---	---	---	---	---	---	---
Month	20.5	3.0	11.7	---	---	---	---	---	---	---	---	---

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	11.5	5.5	8.5	16.0	7.0	11.5	---	---	---
2	---	---	---	12.0	5.0	8.5	18.5	10.0	14.0	---	---	---
3	---	---	---	12.0	4.5	8.5	14.5	9.0	11.5	---	---	---
4	---	---	---	12.5	5.0	9.0	16.0	6.0	10.0	---	---	---
5	---	---	---	13.5	5.5	9.5	20.0	5.0	12.0	---	---	---
6	---	---	---	14.0	6.0	10.0	22.0	8.0	14.0	---	---	---
7	---	---	---	15.0	7.0	11.0	14.0	7.5	11.0	---	---	---
8	---	---	---	16.5	8.0	12.0	12.0	4.0	7.5	---	---	---
9	---	---	---	17.5	8.5	13.0	13.0	4.0	8.0	---	---	---
10	---	---	---	17.0	9.5	13.0	18.5	4.5	10.5	---	---	---
11	---	---	---	17.0	9.0	13.0	21.5	7.0	13.0	---	---	---
12	---	---	---	18.0	8.5	13.0	20.0	6.5	12.5	---	---	---
13	---	---	---	15.0	6.5	10.5	15.0	6.0	9.5	---	---	---
14	---	---	---	13.0	6.5	9.5	18.0	3.0	9.5	---	---	---
15	---	---	---	13.5	6.0	10.0	16.5	3.5	10.0	---	---	---
16	---	---	---	11.0	7.0	9.0	19.5	8.0	14.0	---	---	---
17	---	---	---	9.0	6.0	8.0	19.5	11.5	15.5	---	---	---
18	---	---	---	14.0	5.5	11.0	17.5	9.0	12.5	---	---	---
19	---	---	---	13.0	6.5	10.0	12.5	6.0	9.5	---	---	---
20	---	---	---	10.0	6.0	8.0	14.5	6.0	10.0	---	---	---
21	---	---	---	13.0	6.0	10.5	19.5	7.5	13.5	---	---	---
22	---	---	---	11.0	7.5	9.5	19.0	10.5	14.5	---	---	---
23	---	---	---	11.0	6.5	9.0	18.5	10.0	14.0	---	---	---
24	---	---	---	---	---	---	16.5	11.5	14.0	---	---	---
25	---	---	---	12.0	6.5	9.0	19.0	9.5	14.0	---	---	---
26	---	---	---	15.0	6.0	10.5	21.5	11.5	16.5	---	---	---
27	---	---	---	16.0	9.5	12.5	19.5	14.5	16.0	---	---	---
28	---	---	---	12.5	7.0	10.0	---	---	---	---	---	---
29	---	---	---	11.5	6.5	8.5	---	---	---	---	---	---
30	---	---	---	14.0	4.0	9.0	---	---	---	---	---	---
31	---	---	---	16.0	5.5	10.5	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	---	---	---	30.0	19.0	24.5	29.0	23.0	25.5	24.0	18.5	21.0
2	---	---	---	28.5	21.0	24.0	26.5	19.5	23.5	24.5	19.5	22.0
3	---	---	---	28.5	20.0	24.0	28.0	18.5	23.0	24.5	19.5	22.0
4	---	---	---	30.0	20.5	25.0	29.0	18.5	23.5	24.5	19.0	22.0
5	---	---	---	29.0	21.5	25.0	28.0	19.0	23.5	24.5	18.5	21.5
6	---	---	---	31.0	22.5	26.5	28.0	22.0	25.5	24.5	18.5	21.5
7	---	---	---	31.0	22.0	26.5	29.5	23.0	25.5	25.0	19.0	22.0
8	---	---	---	31.0	21.0	25.5	30.0	22.5	26.0	24.0	19.5	22.0
9	23.5	16.0	19.0	28.0	20.0	23.5	30.0	23.5	26.5	23.0	17.5	20.0
10	24.5	17.0	21.0	28.0	20.0	24.0	28.0	22.0	25.0	19.5	15.0	17.5
11	24.5	18.0	21.5	30.0	21.0	25.5	29.5	21.0	25.0	19.5	13.0	16.5
12	26.0	17.0	21.0	32.0	22.5	27.5	28.5	20.5	24.5	19.0	12.5	16.0
13	26.5	17.0	21.5	31.0	23.5	27.0	27.0	20.0	23.5	19.0	12.5	16.0
14	26.5	18.0	21.5	32.0	22.5	27.5	27.0	20.5	23.5	20.0	13.0	16.5
15	28.5	16.5	22.0	31.5	24.0	28.0	24.5	21.5	23.0	20.0	14.0	17.0
16	23.0	17.0	19.5	32.0	23.5	27.5	26.0	20.0	22.5	20.0	15.0	17.5
17	22.5	14.5	18.5	31.5	23.0	27.0	26.0	20.5	23.5	19.5	14.0	16.5
18	24.5	12.5	18.5	31.5	23.0	27.5	27.0	22.0	24.0	19.0	14.0	16.5
19	24.5	14.0	19.5	32.0	24.5	28.0	27.0	21.0	24.0	19.5	14.0	17.0
20	26.0	16.0	21.0	30.5	23.0	26.5	27.0	20.5	24.0	18.5	14.5	16.5
21	26.5	20.5	23.0	29.5	24.5	26.5	27.0	21.5	24.5	21.5	15.0	18.0
22	25.0	18.0	22.5	30.0	22.5	26.0	28.0	21.5	24.5	20.5	16.0	18.5
23	26.5	20.5	23.5	29.0	20.5	24.5	27.5	21.5	24.5	19.5	16.0	17.5
24	27.0	20.5	23.5	28.5	20.0	24.5	27.0	21.0	24.0	17.5	13.5	15.5
25	26.0	19.5	22.0	27.5	19.5	23.5	27.0	21.0	24.0	16.5	12.5	14.5
26	25.5	19.0	22.0	29.0	19.5	24.0	27.0	21.0	24.0	15.0	12.5	14.0
27	26.0	20.0	23.0	29.0	20.0	24.5	27.5	22.0	24.5	16.5	12.5	14.5
28	26.0	18.0	22.0	30.5	20.5	24.5	27.0	22.0	24.5	17.0	12.5	15.0
29	27.0	17.5	22.0	28.0	21.5	24.5	25.5	21.5	23.5	18.5	12.5	15.5
30	28.5	19.0	23.5	27.5	21.0	24.5	23.5	18.5	21.0	18.0	11.5	15.0
31	---	---	---	29.0	23.5	26.0	23.5	17.0	20.0	---	---	---
Month	---	---	---	32.0	19.0	25.6	30.0	17.0	24.0	25.0	11.5	17.9